

FIG. 1

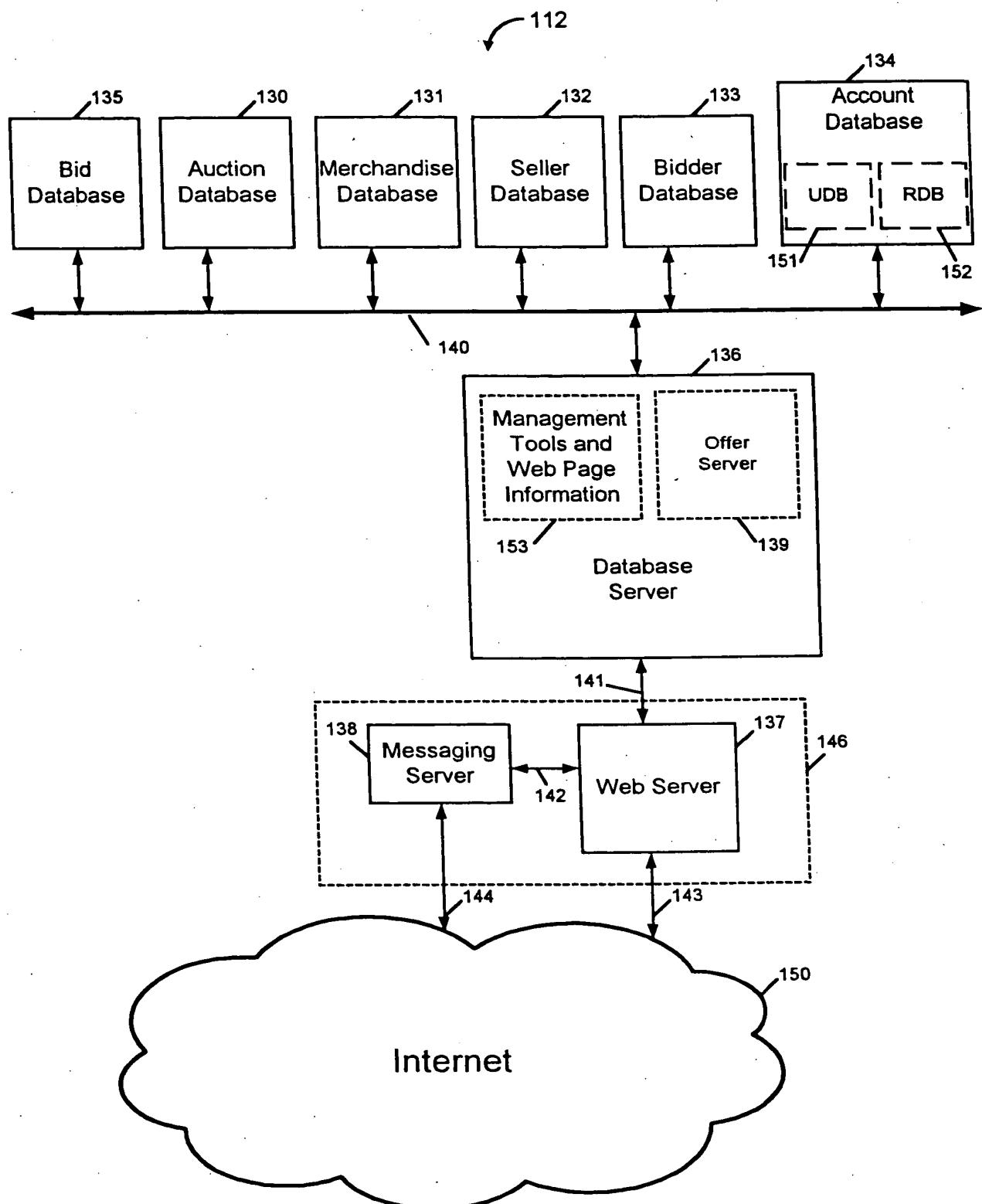


FIG. 2

# POINT ISSUANCE

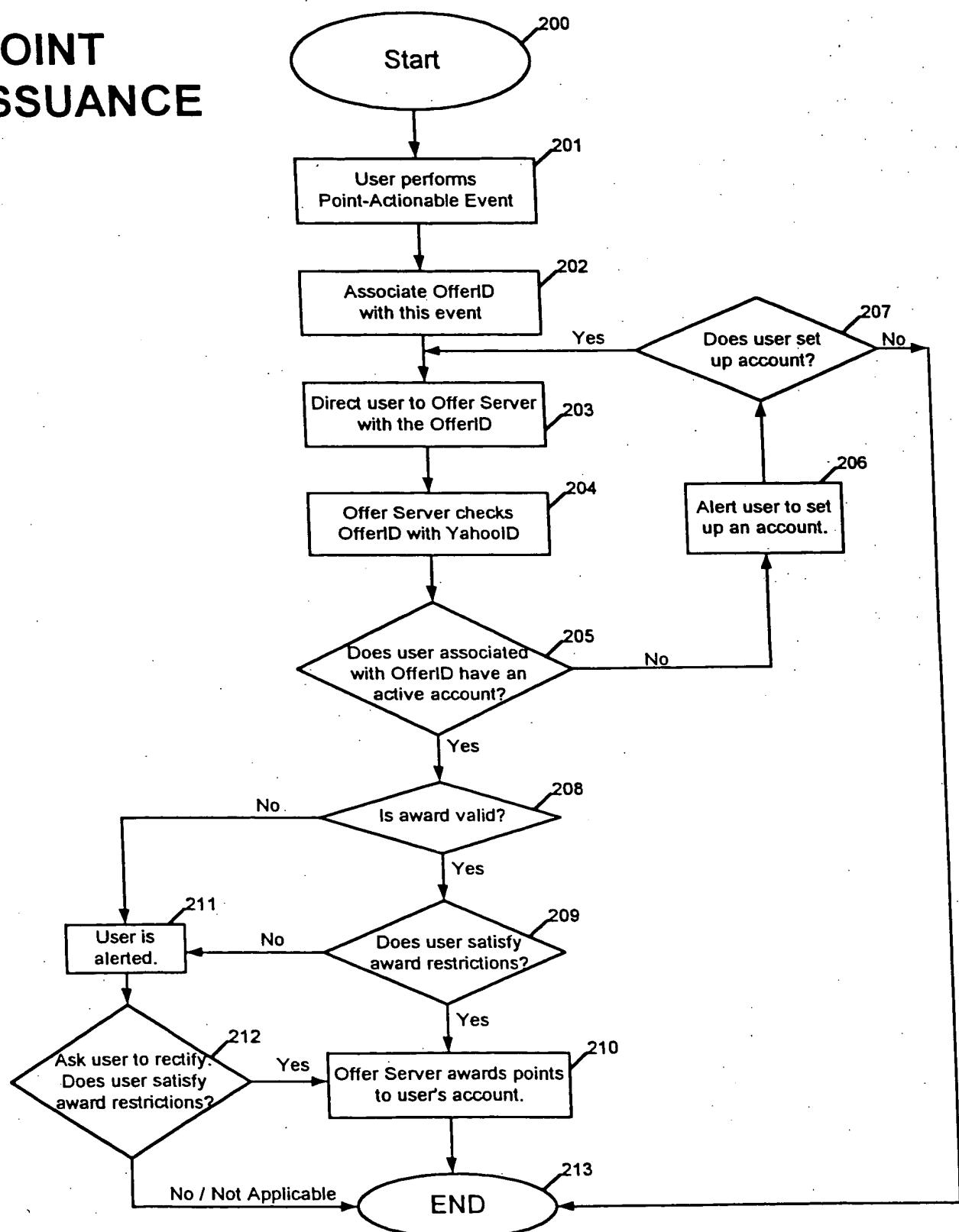


FIG. 3

## STANDARD AUCTION - SINGLE ITEM

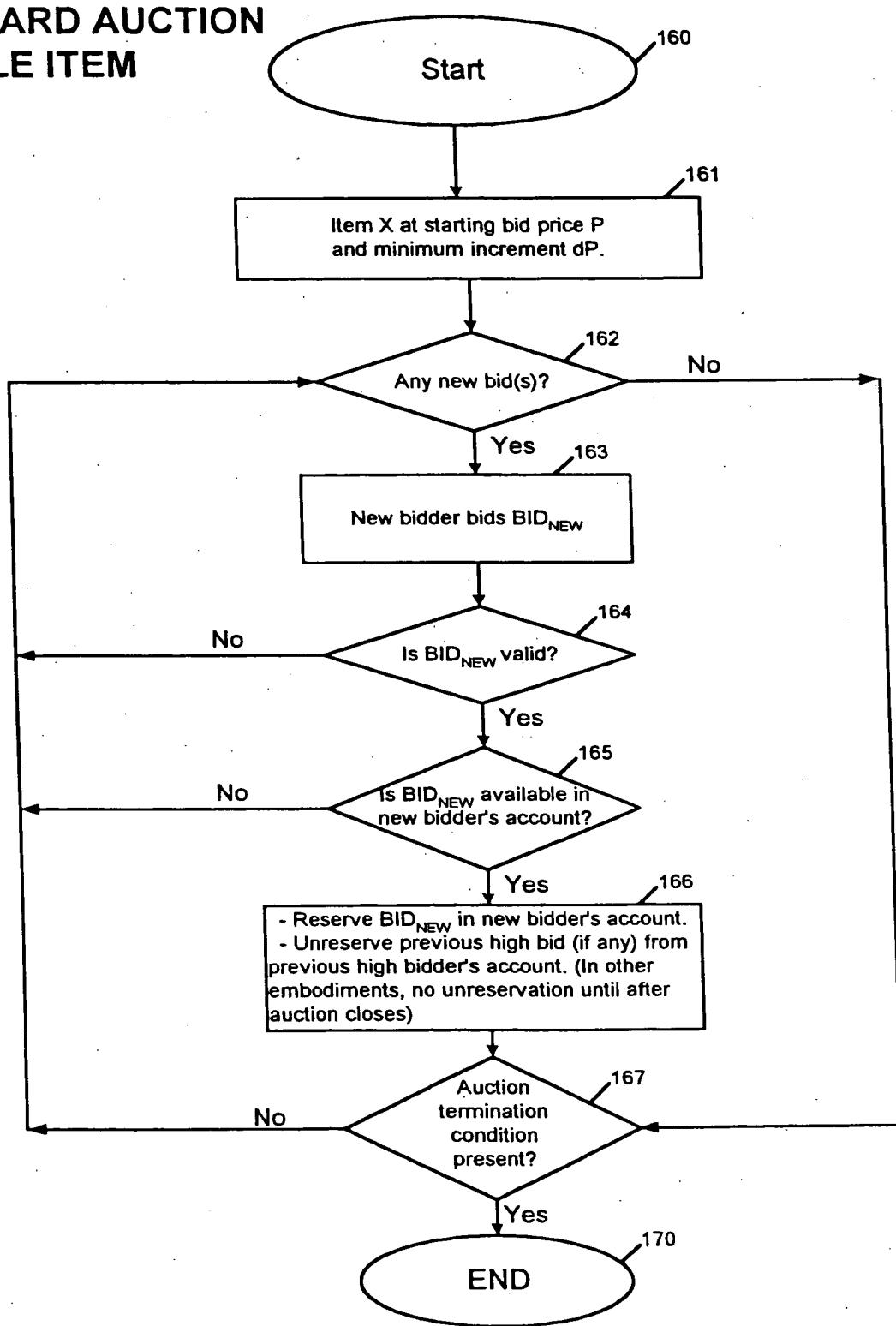


FIG. 4

## STANDARD AUCTION - MULTIPLE ITEMS

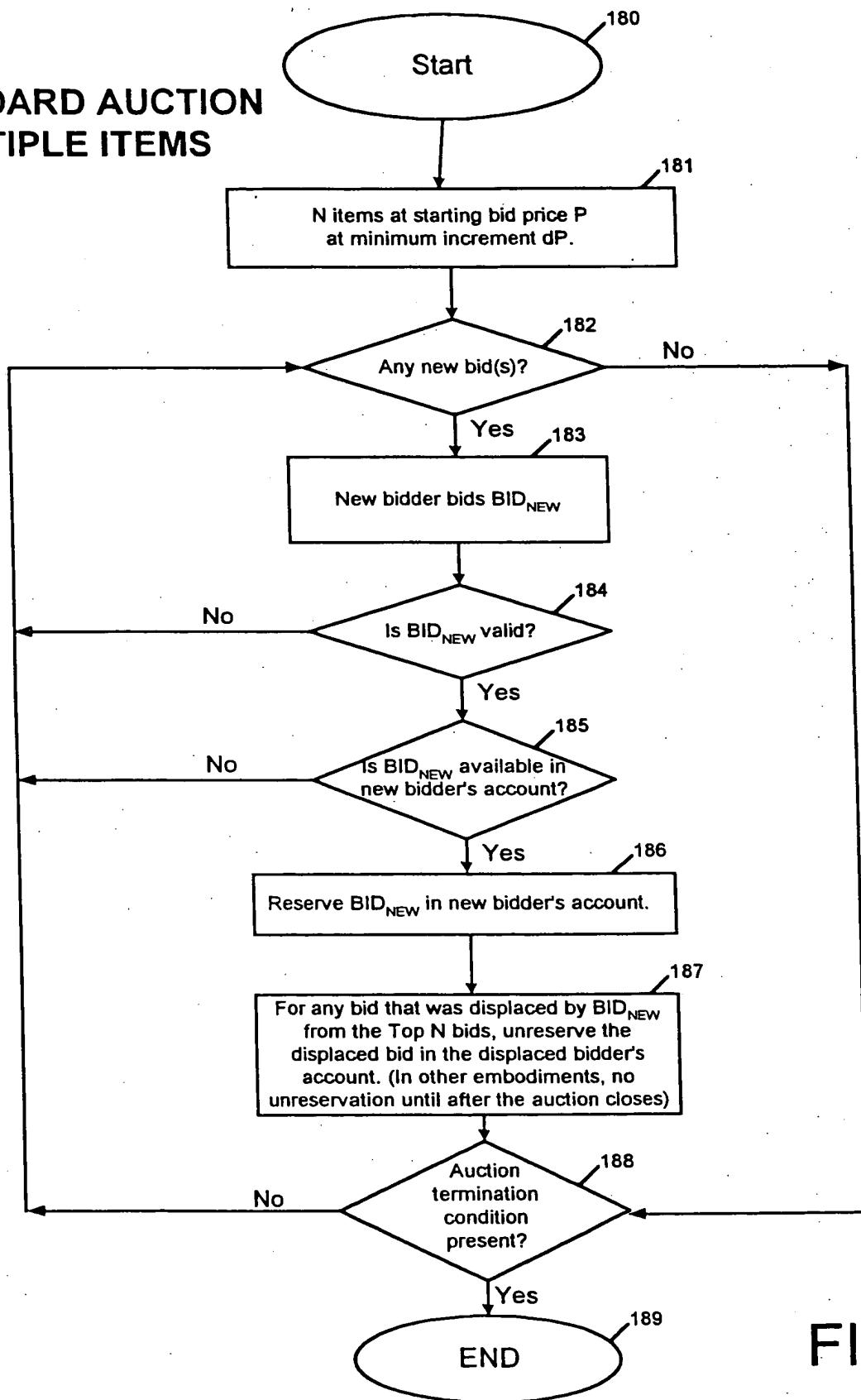


FIG. 5

## DUTCH AUCTION FIRST EMBODIMENT

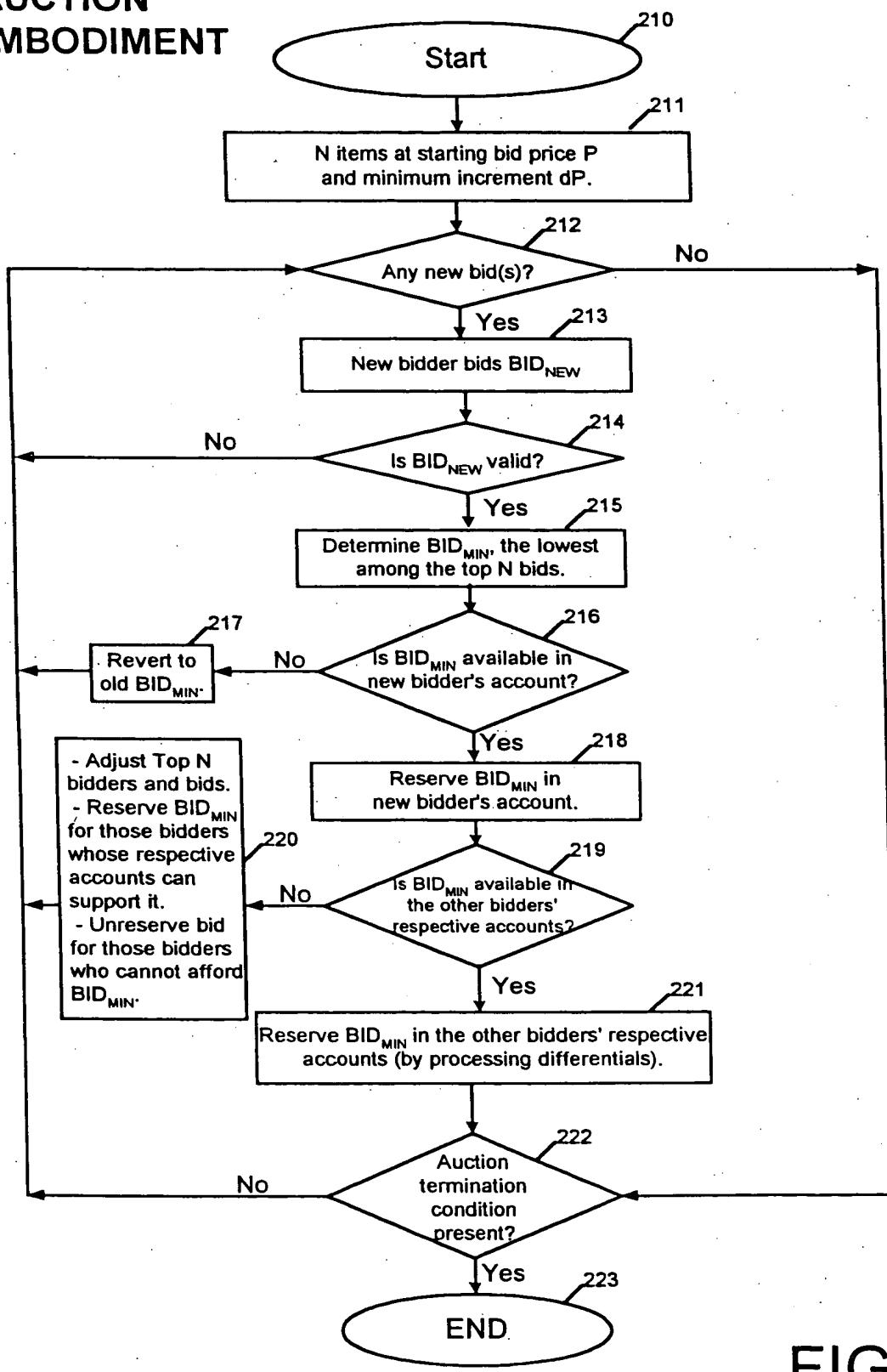


FIG. 6

## DUTCH AUCTION - SECOND EMBODIMENT

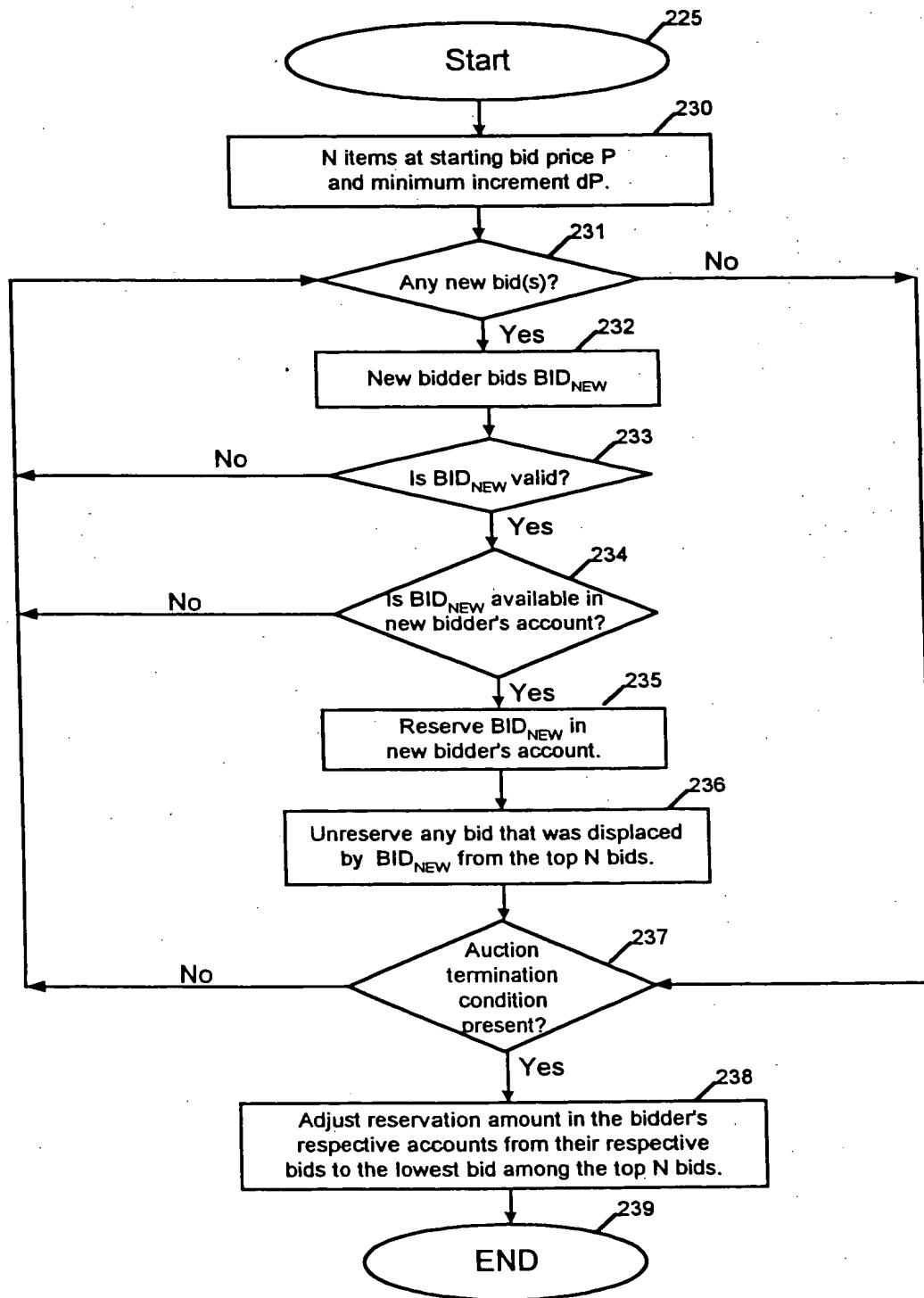


FIG. 7

# PROGRESSIVE AUCTION

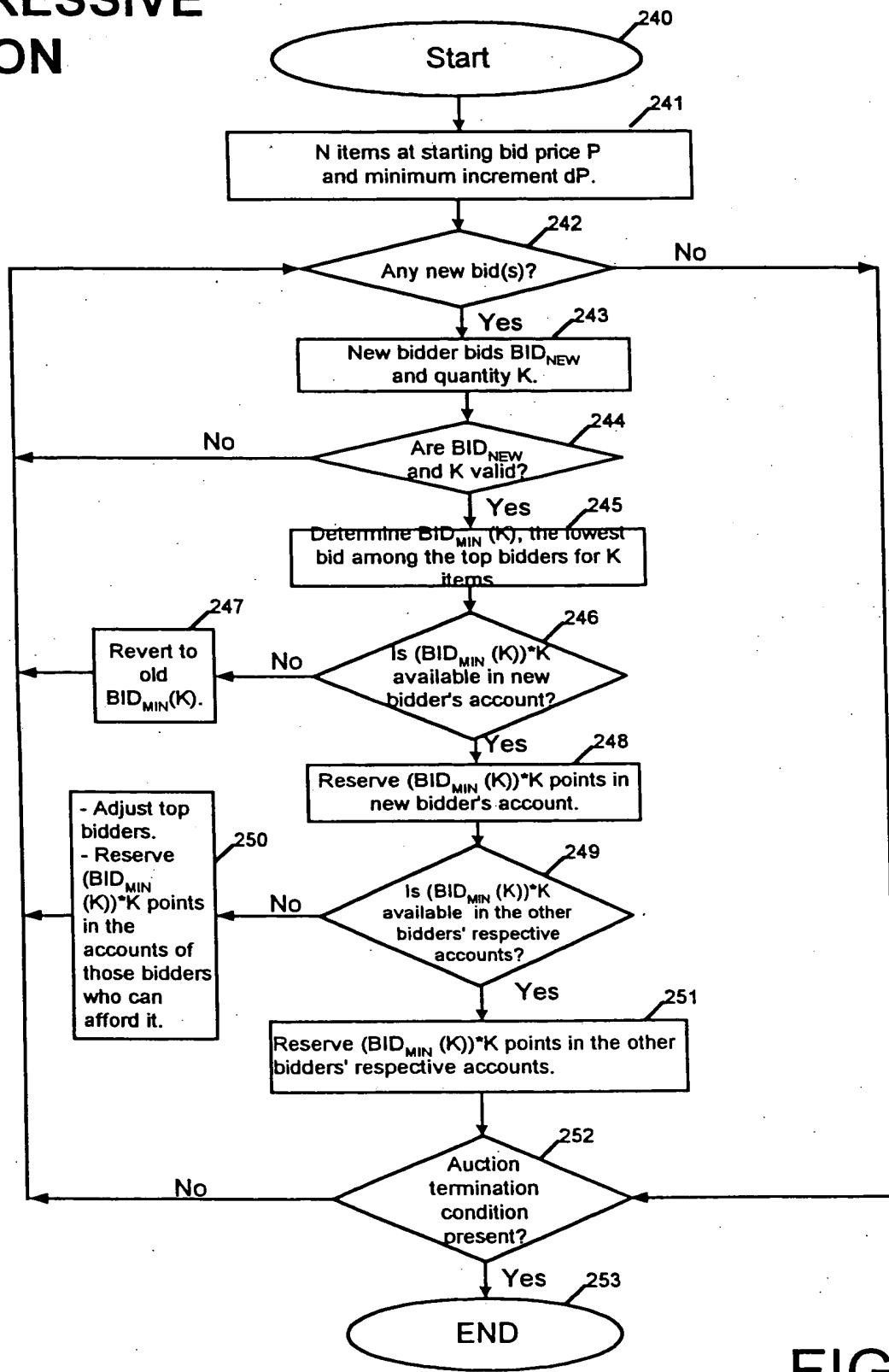


FIG. 8

# BUY OR BID AUCTION

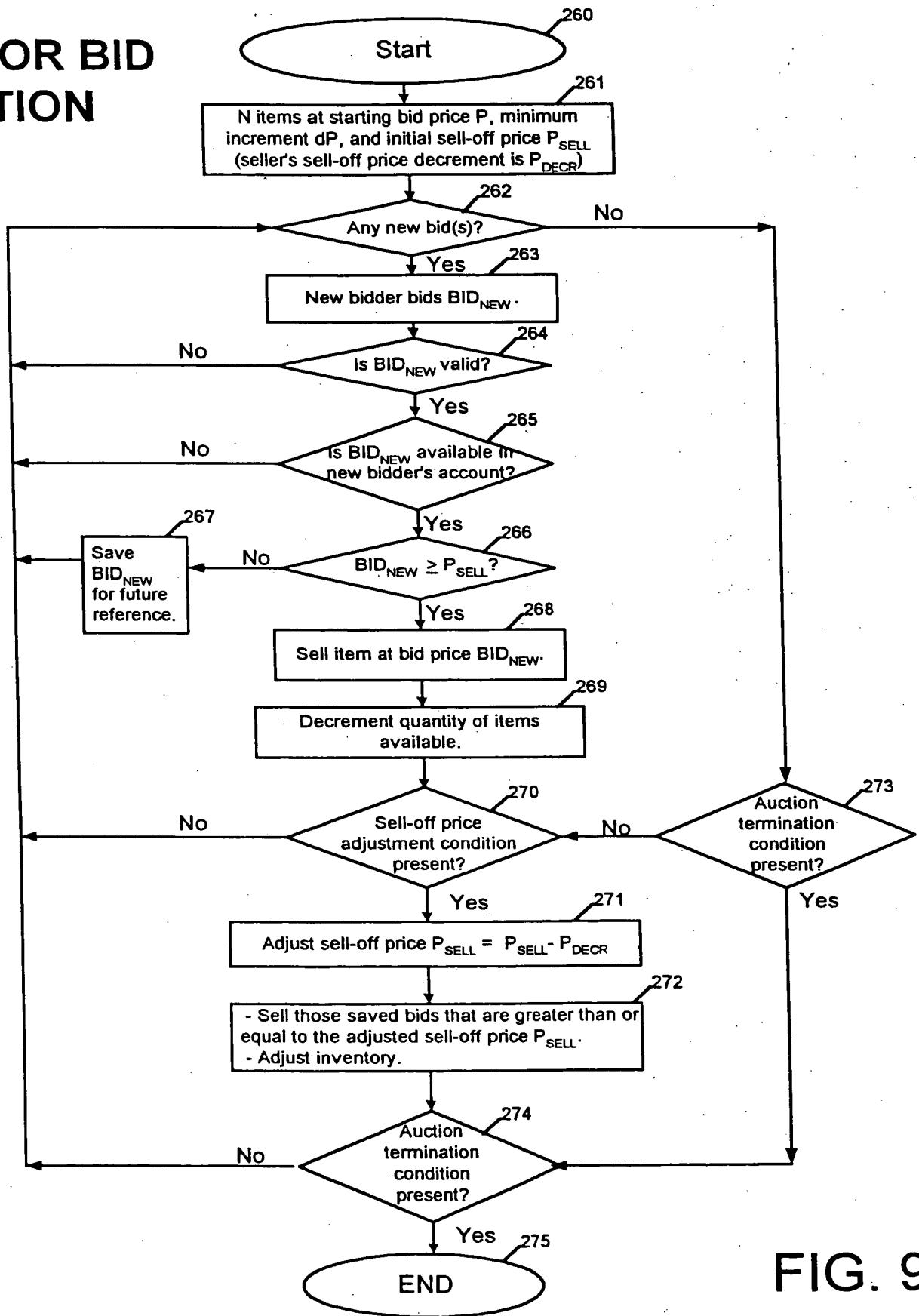


FIG. 9

# AUTOMATED BIDDER

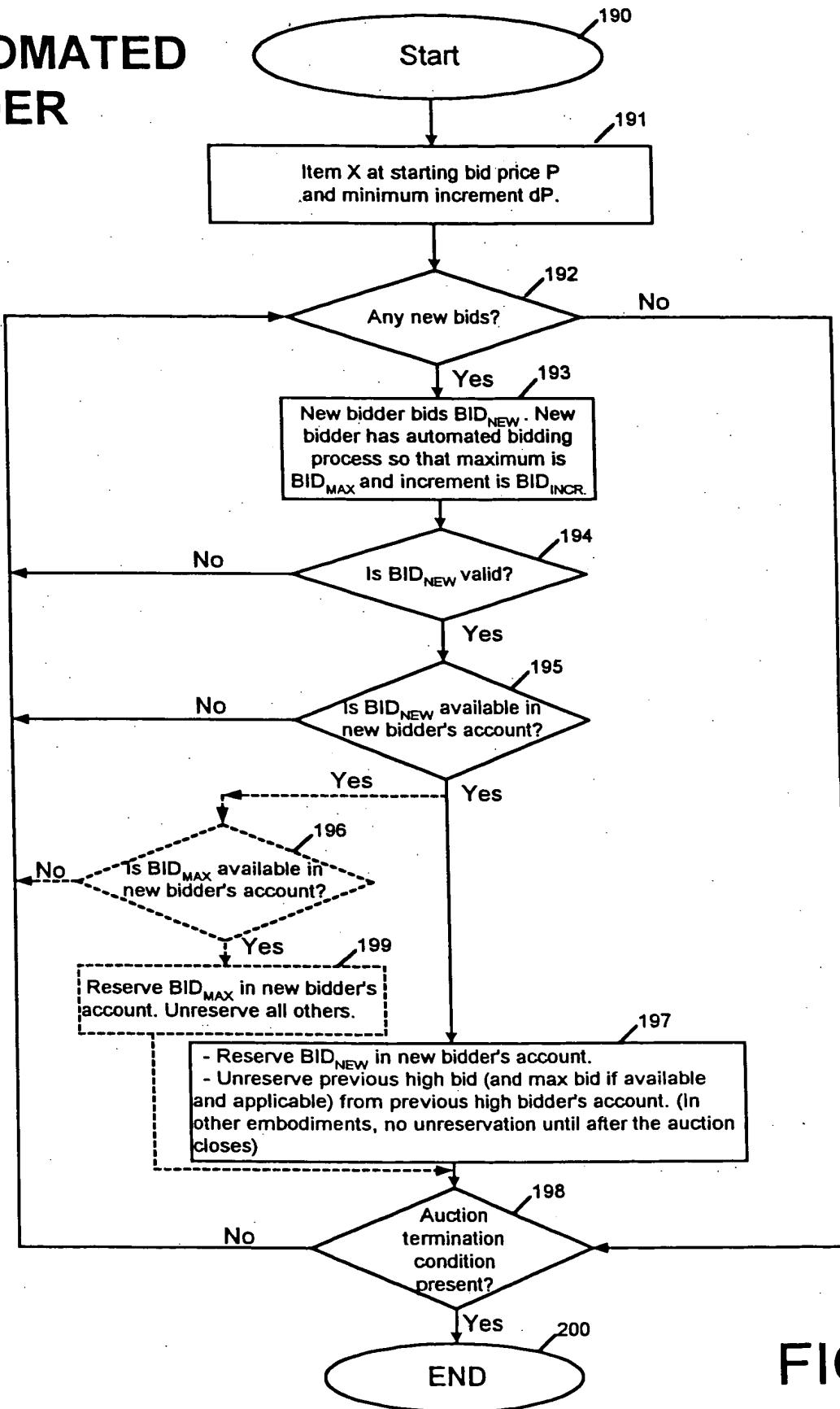


FIG. 10

## DECLINING BID AUCTION

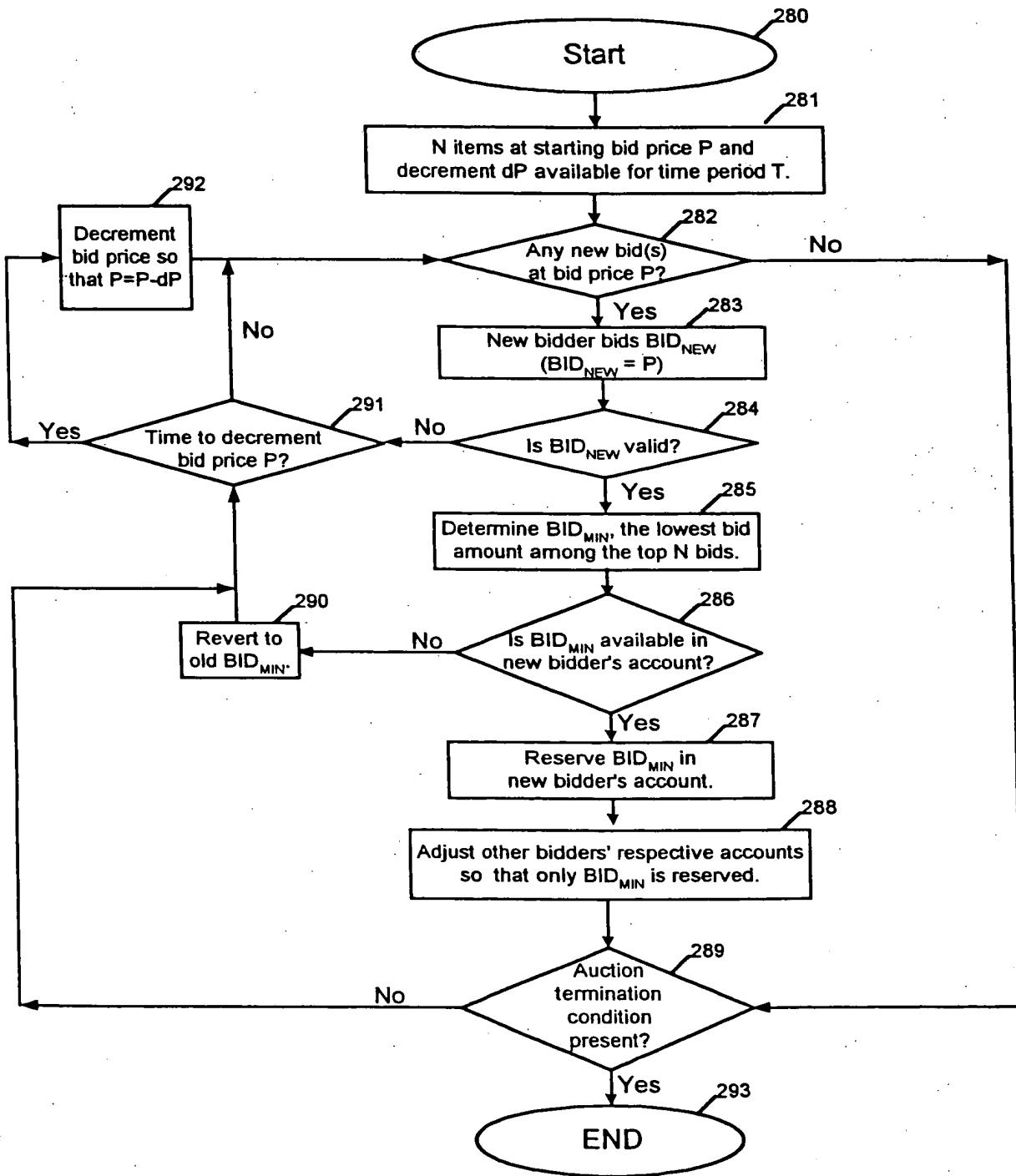


FIG. 11

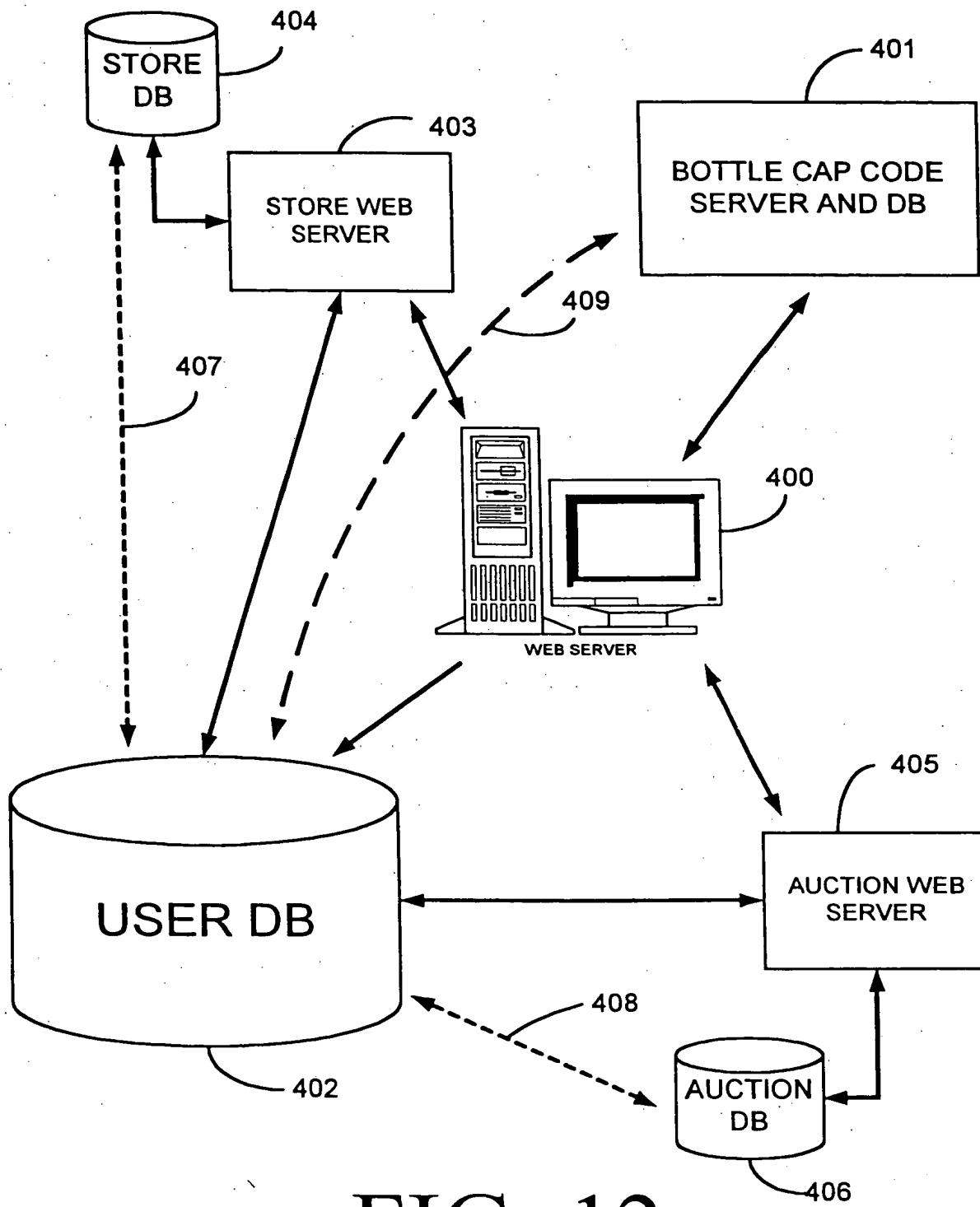


FIG. 12

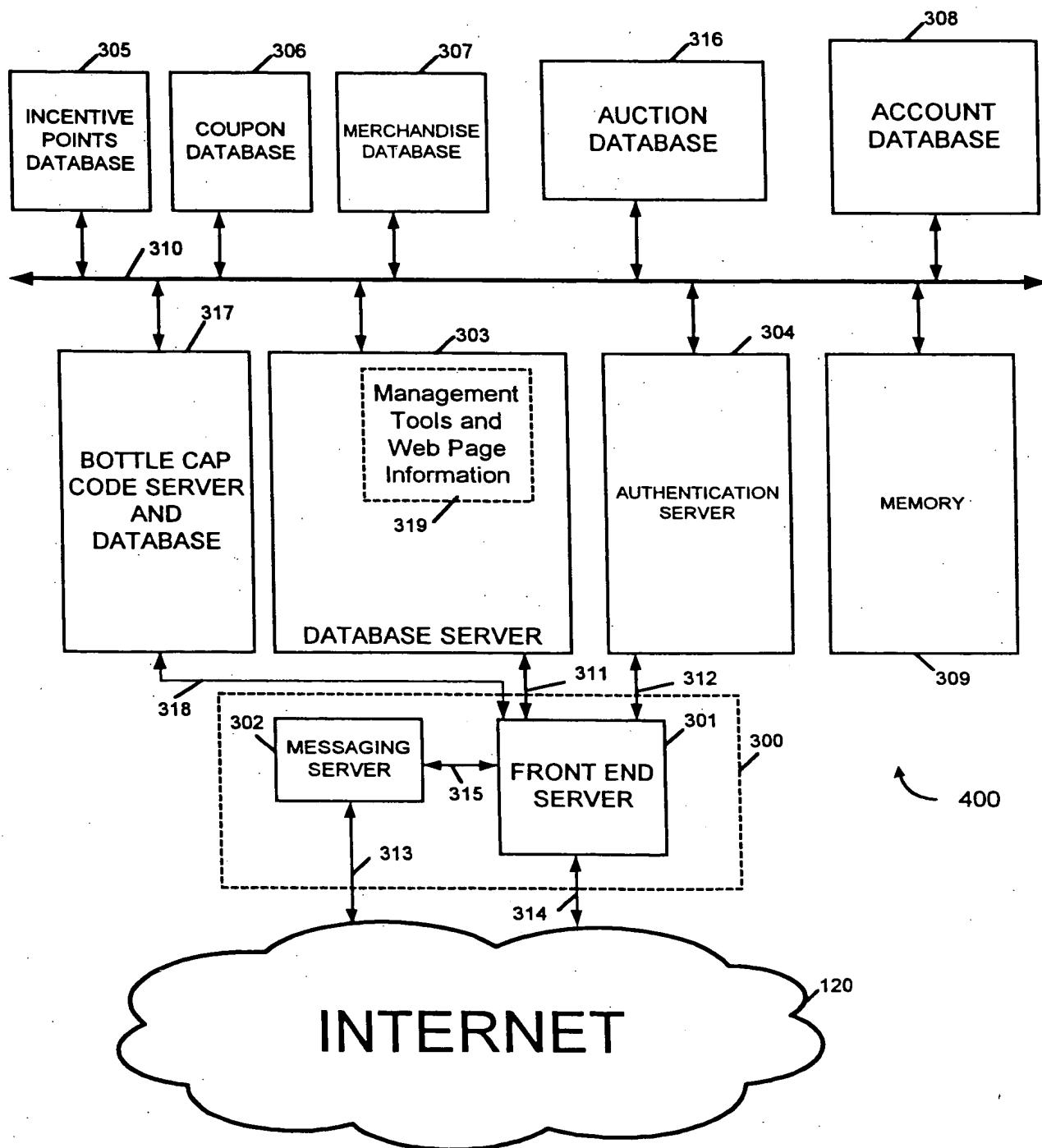


FIG. 13

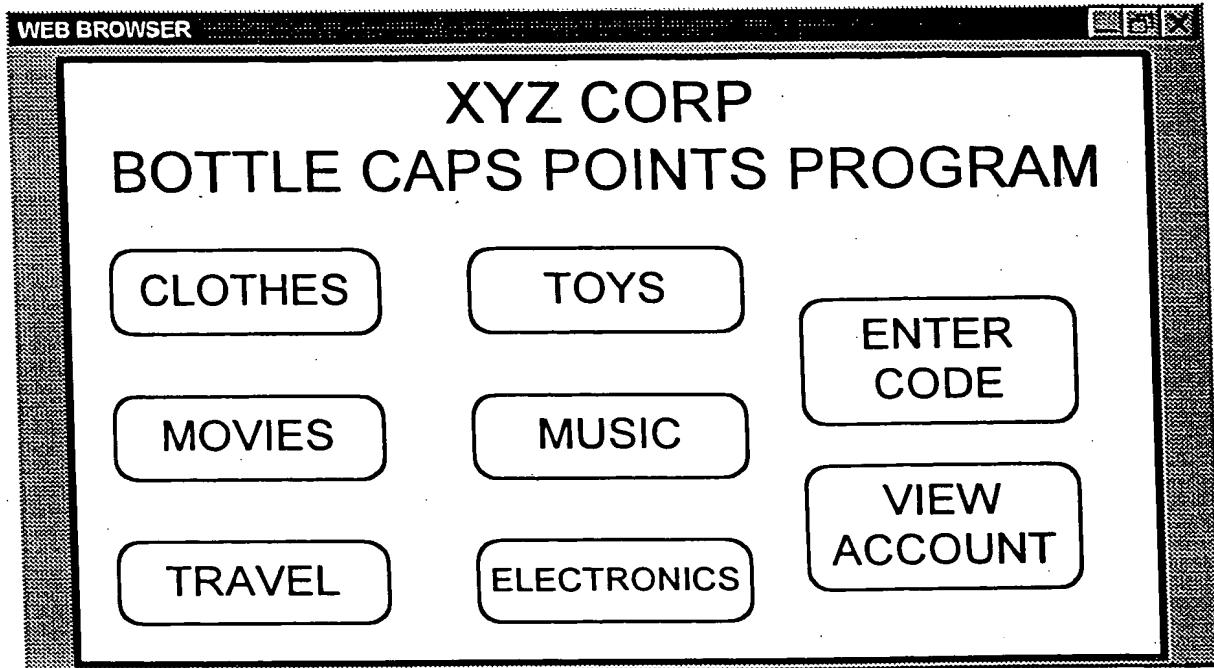


FIG. 14(A)

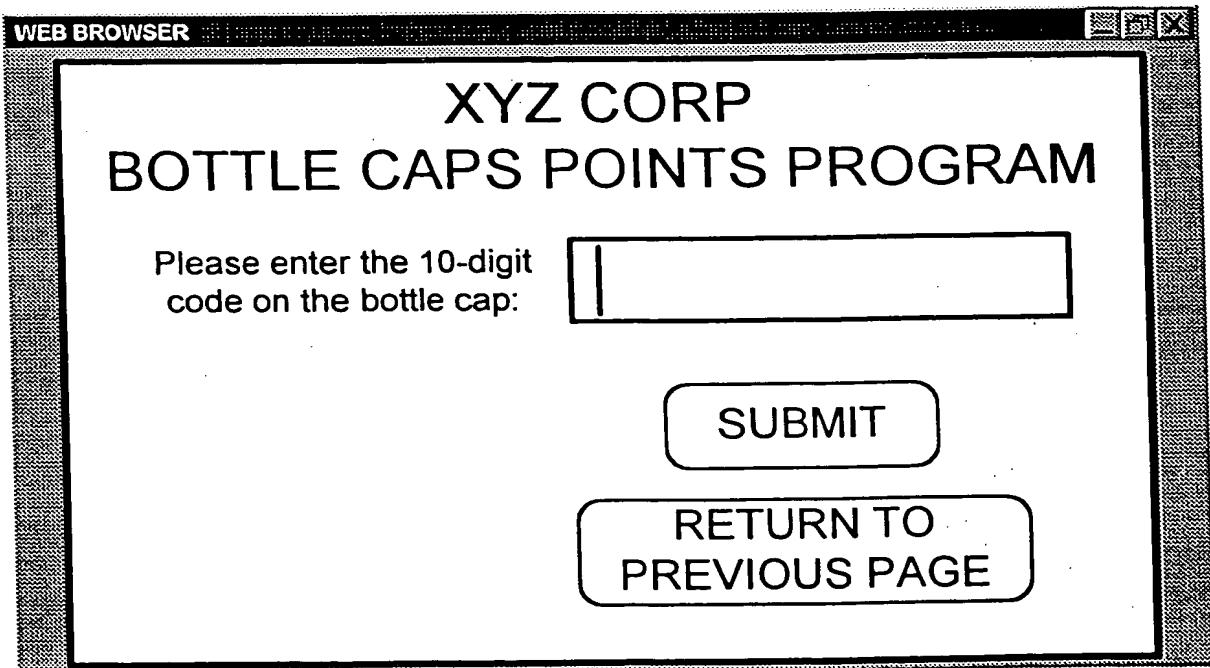


FIG. 14(B)

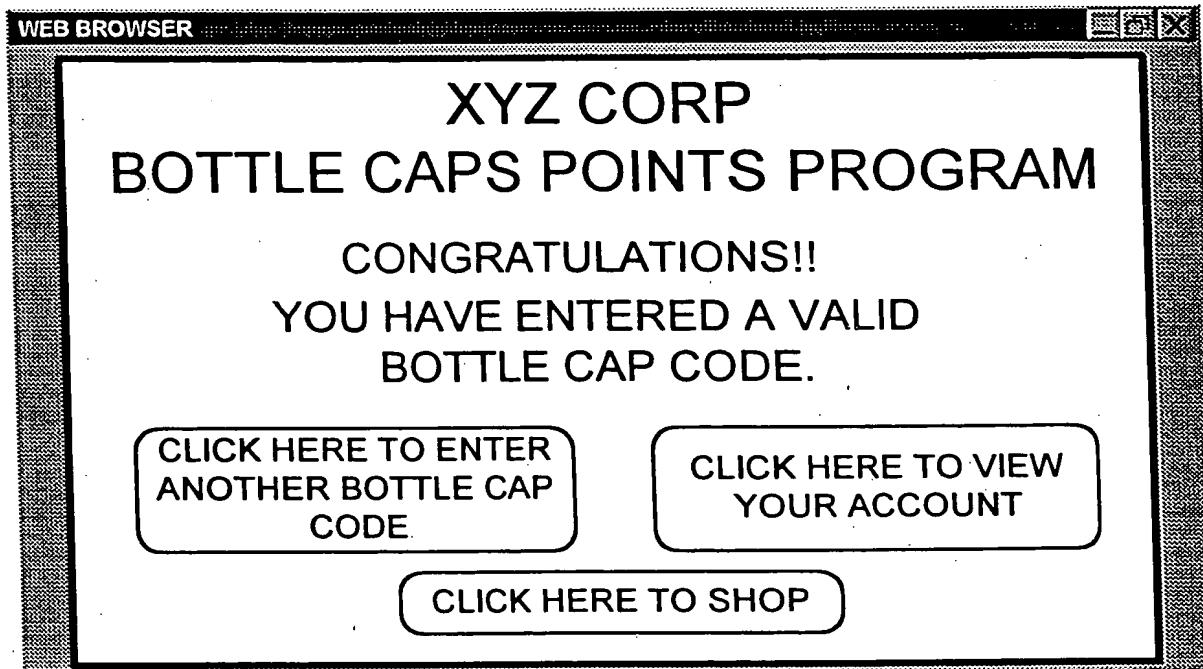


FIG. 14(C)

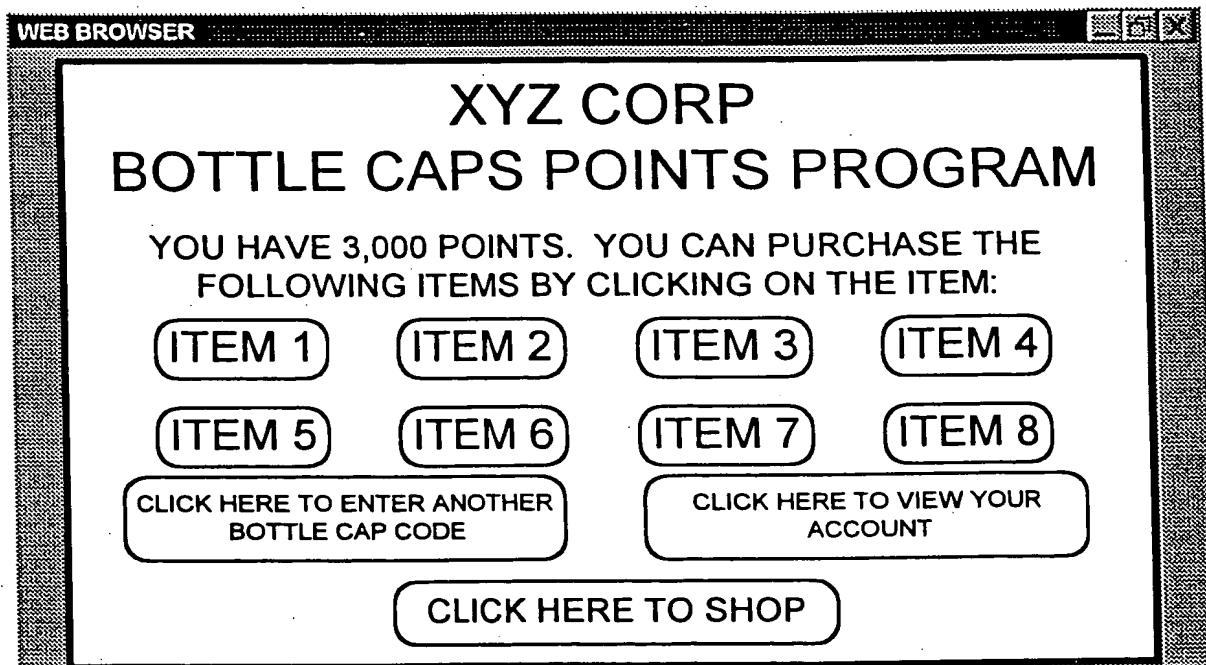


FIG. 14(D)

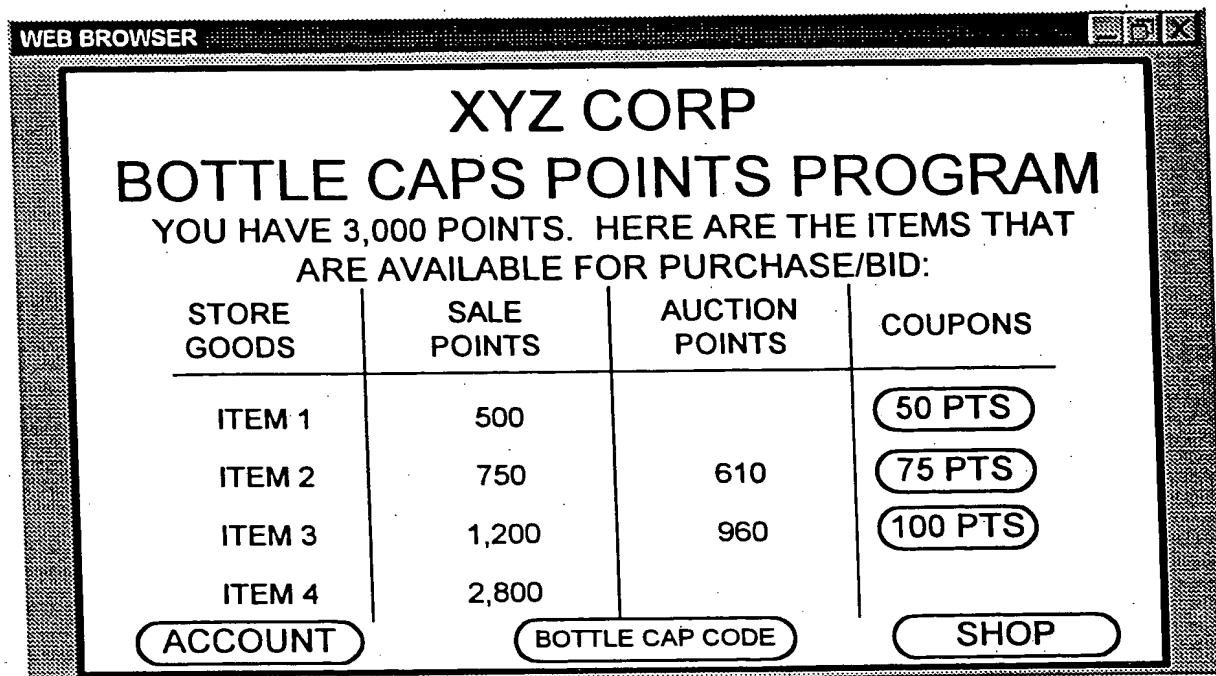
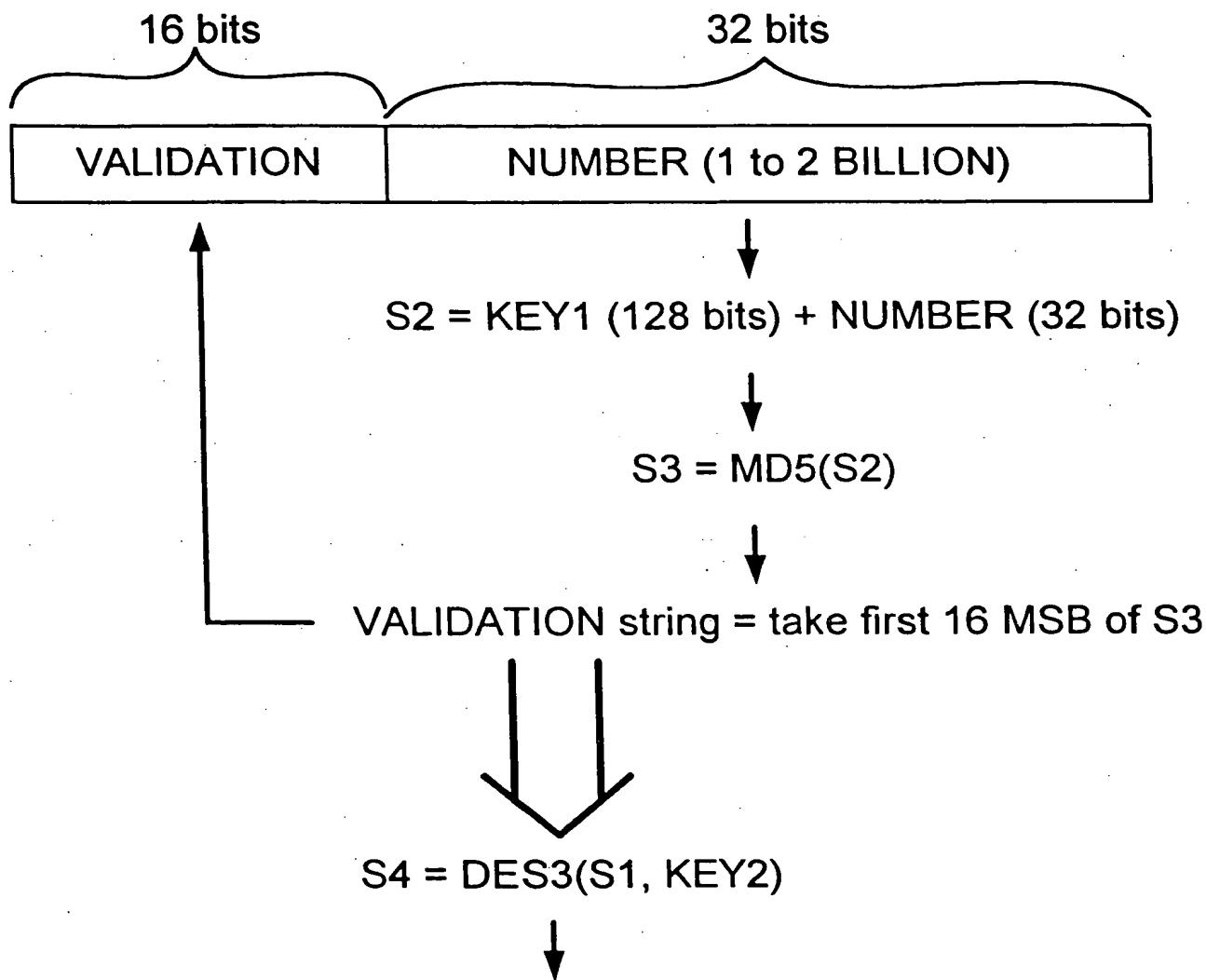


FIG. 14(E)

# ENCRYPTION

S1 = 48-bit STRING:



**S4<sub>BASE 29</sub> = 10-DIGIT BOTTLE CAP CODE**

FIG. 15

# VERIFICATION

$S4_{\text{BASE } 29} = 10\text{-DIGIT BOTTLE CAP CODE}$

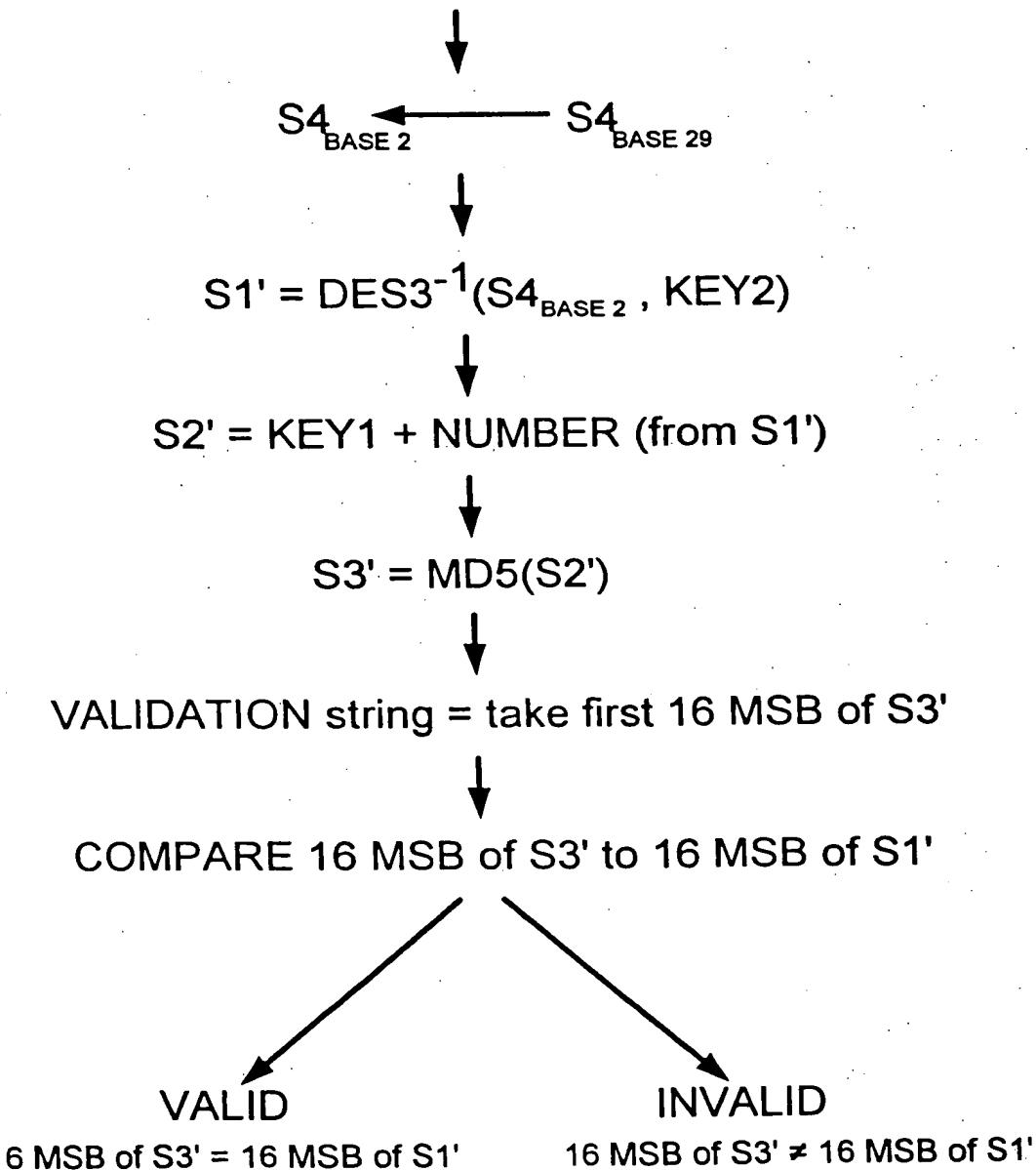


FIG. 16

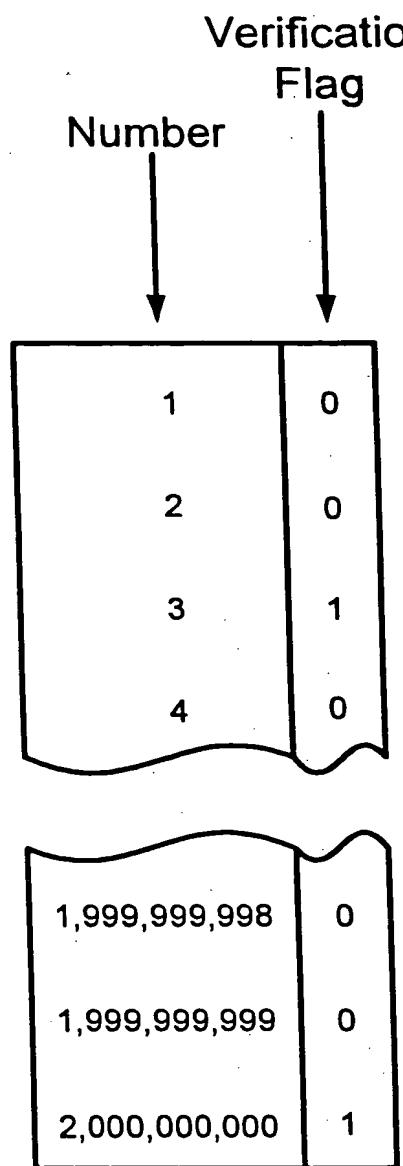


FIG. 17